

# Internal Review Checklist - ISO/CD 15926-2

This is a completed internal review checklist for ISO/CD 15926-2. It is based on QC document N110 (unusable in its published form), converted to MS-Word. The words “YES”, “NO” or “N/A” are inserted in the first column of each question. “HUH?” indicates a question that reviewer(s) have not understood. Notes and comments are included in italics in the row immediately after the relevant question. All sections and questions not related to ISO 15926-2 have been deleted.

This review has been completed by the project Quality Representative.

## COPYRIGHT

*If the part is at Stage 4 (DIS) or higher the following items shall be examined and the box checked:*

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|-----|----|---|
| N/A | 1. | The copyright symbol and statement are on the bottom of page ii, they are as specified by the <i>Supplementary directives for the drafting and presentation of ISO 10303 (SD)</i> . (See 4.2.2 of the <a href="#">SD</a> ). |
| N/A | 2. | The correct copyright symbol appears on page 1. (See 4.1.4 of the <a href="#">SD</a> ).   |
| N/A | 3. | Each page of the document has the correct page header with the copyright symbol. (See 4.1.1 of the <a href="#">SD</a> ).  |

## COVER PAGE

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|-----|----|---|
| YES | 4. | The cover page has the correct format, structure and content. (See 4.2.1 and annex A of the <a href="#">SD</a> , < <a href="http://www.nist.gov/sc4/editing/cover/">http://www.nist.gov/sc4/editing/cover/</a> , and < <a href="http://www.nist.gov/sc4/editing/cover/cov_read.htm">http://www.nist.gov/sc4/editing/cover/cov_read.htm</a> .)<br><br><i>The cover page used for ISO 15926 differs slightly from the ISO 10303/SD format, but contains all the same information.</i> |
| YES | 5. | The ballot stage (WD, CD, DIS, or FDIS), standard number (10303, 13584, etc.), part number with current ballot cycle for the ballot stage appear correctly on the cover. (See 4.1.4 of the <a href="#">SD</a> , < <a href="http://www.nist.gov/sc4/editing/cover/">http://www.nist.gov/sc4/editing/cover/</a> , and < <a href="http://www.nist.gov/sc4/editing/cover/cov_read.htm">http://www.nist.gov/sc4/editing/cover/cov_read.htm</a> .)  |
| YES | 6. | The working group is identified at the top of the page.   |
| YES | 7. | The N-number is present, identifies a unique document, and matches the WG document log.   |
| YES | 8. | If the document has been updated, the 'Supersedes' field contains the previous N-number.  |

YES	9.	The abstract is present and unambiguous.
YES	10.	The abstract supports the Scope of the part and does not arbitrarily introduce new wording from that in the Scope statement.
YES	11.	The keywords are appropriate for searches by interested parties.
YES	12.	The copyright statement is correct for the ballot release stage of the part. WD and CD copyright statements are different than DIS and FDIS. (See <a href="http://www.nist.gov/sc4/editing/cover/cov_read.htm">http://www.nist.gov/sc4/editing/cover/cov_read.htm</a> .)
YES	13.	The 'Comments to Reader' box contains the required text and other text appropriate for the audience of the part during this ballot cycle. (See <a href="http://www.nist.gov/sc4/editing/cover/cov_read.htm">http://www.nist.gov/sc4/editing/cover/cov_read.htm</a> .)
YES and NO	14.	The project leader and part editor are specified and are as recorded by TC 184/SC4; names, addresses, telephone/FAX numbers, and email addresses are present.  <i>The PL and PE names and addresses are correct. The address details may not match the SC4 database as they have changed recently.</i>
YES	15.	The title follows the rules for upper and lower case letters. Capitalize the first letter of the first word of each element of the title. All other words shall be lower case. There are three elements of the title separated by long dashes ('em dash', ·): Introductory element · Main element · Complementary element. For example: Industrial automation systems and integration · Parts library · Part 101: Geometrical view exchange protocol by parametric program.
YES	16.	The part number and title have been verified with the SC4 Secretariat as being the same as that registered by TC 184/SC4 for the project.
YES	17.	The date is present in the format YYYY-MM-DD and has been updated to current date.

## TABLE OF CONTENTS

YES	18.	The table of contents (TOC) starts on page ii (left-hand side of the document). (See 4.2.2 of the <a href="#">SD</a> ).
YES	19.	The 'Contents' heading is in bold-face and is flush left. The word 'Page' is normal-weight, flush right on the same line. (See 4.2.2 of the <a href="#">SD</a> ).

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|-----|-----|--|
| YES | 20. | 'Scope' is the first entry in the TOC. (See 4.2.2 of the <a href="#">SD</a> ).   |
| YES | 21. | The TOC excludes terms defined in clause 3 'Terms and definitions'. (See 4.2.2 of the <a href="#">SD</a> and 6.1.2 of <a href="#">IDP3</a> ).  |
| YES | 22. | The annexes are listed immediately after the last (sub)clause in the TOC, without an intervening subheading. (See 4.2.2 of the <a href="#">SD</a> and 6.1.2 of <a href="#">IDP3</a> ). |
| YES | 23. | The TOC entries for annexes have the following form:<br>"Annex <letter (<normative or informative) <annex title . . ."<br>(See 4.2.2 of the <a href="#">SD</a> ).                      |
| YES | 24. | The 'Bibliography' (if present) is listed in the TOC following the last 'Annex' and before the 'Index'. (See 4.2.2 of the <a href="#">SD</a> and 6.2.1 of <a href="#">IDP3</a> ).      |
| YES | 25. | The 'Index' is present and starts on the page specified by the TOC. (See 4.2.2 of the <a href="#">SD</a> ).  |
| YES | 26. | The 'Index' is the last entry in the TOC just before the list of figures or tables, if figures and tables are present in the part. (See 4.2.2 of the <a href="#">SD</a> ).             |
| YES | 27. | All figures and tables have a title, presented in the correct format. (See 4.2.2, 4.5.1 and 4.5.2 of the <a href="#">SD</a> ).   |
| YES | 28. | The list of figures follows the entry for the 'Index' in the TOC as specified by the <i>SD</i> . (See 4.2.2 of the <a href="#">SD</a> ).   |
| YES | 29. | The list of tables follows the list of figures in the TOC. (See 4.2.2 of the <a href="#">SD</a> ).   |
| YES | 30. | The page number is correct for each entry in the TOC.  |
| YES | 31. | In the TOC, the list of figures is entitled 'Figures' and the list of tables is entitled 'Tables'. (See 4.2.2 of the <a href="#">SD</a> ).   |
| YES | 32. | TOC entries have dot leaders with page numbers that follow flush right. (See 4.2.2 of the <a href="#">SD</a> ).  |

## FOREWORD

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| YES | 35. | The Foreword starts with the following paragraphs. (See 4.2.3.2 of the <a href="#">SD</a> ):<br><br>"ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International |
|-----|-----|--|

organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member bodies casting a vote."

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| YES | 36. | The Foreword starts on a new page. (See 4.2.3.1 of the <a href="#">SD</a> ).  |
| YES | 37. | The list of related parts is current, either through referencing the url or through including the text of the list. (10303 parts see < <a href="http://www.nist.gov/sc4/editing/step/titles">http://www.nist.gov/sc4/editing/step/titles</a> , <a href="#">QC N087</a> , and 4.2.3.2 of the <a href="#">SD</a> ). |
|     |     | <i>Part 1 of ISO 15926 is correctly identified.</i>   |
| YES | 38. | Text identifying the standard number, part number, designation and name of the committee follows the correct format. (See 4.2.3.2 of the <a href="#">SD</a> ).  |
| N/A | 39. | Second and subsequent editions include appropriate required text as specified by the SD. (See 4.2.3 of the <a href="#">SD</a> and <a href="#">QC N087</a> ).  |
| YES | 40. | All issues related to the Foreword have been resolved.  |

## INTRODUCTION

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| YES | 43. | The Introduction starts on a new page. (See 4.2.4.1. of the <a href="#">SD</a> ).  |
| YES | 44. | The Introduction provides a high-level overview of the part. (See 4.2.4 of the <a href="#">SD</a> and 6.1.4 of <a href="#">IDP3</a> ). |
| YES | 45. | The Introduction states the purpose of the part. (See 4.2.4 of the <a href="#">SD</a> ).   |
| YES | 46. | The Introduction states the required knowledge necessary for understanding the part.   |
| YES | 47. | The Introduction is unambiguous and understandable.  |
| YES | 48. | The Introduction is consistent with the Scope. (See 4.2.4 of the <a href="#">SD</a> ).   |
| YES | 49. | The Introduction does not imply a broader or narrower focus of types of information covered than the Scope statement.                  |

*NOTE – The Introduction may repeat the high level description from the Scope statement.*

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| N/A | 50. | If there are other documents that would aid the user in |
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		understanding the technical content of the part, they are identified and properly referenced. (See 4.2.4. of the <a href="#">SD</a> ).
N/A	51.	Informative references are cited correctly. (See 6.6.6 of <a href="#">IDP3</a> ).
N/A	52.	Informative references to normative documents are cited correctly. (See 6.6.6 of <a href="#">IDP3</a> ).
N/A	53.	The figures, tables, notes and examples are understandable.
N/A	54.	All application-specific terms used in the 'Introduction' are defined in clause 3.  <i>No application-specific terms are used in the Introduction. Terms of general use in the oil &amp; gas and process industries are used, but do not have any distinct meaning over their standard dictionary definitions.</i>
YES	55.	There are no requirements stated in the 'Introduction'. (See 4.2.4 of the <a href="#">SD</a> and 6.1.4 of <a href="#">IDP3</a> ). Requirements are often indicated by the use of the word "shall". Requirements shall be in normative text only, not the Introduction.
N/A	56.	For second and subsequent editions, there is a description of the changes from the previous edition. (See 4.2.3 of the <a href="#">SD</a> and <a href="#">QC N087</a> ).
YES	57.	All issues related to the Introduction have been resolved.

## SCOPE

YES	64.	The required header appears at the top of page 1. (See 4.1.4 of the <a href="#">SD</a> ).
YES	65.	Clause 1 Scope begins on page 1. (See 4.1.4 and 4.3.1 of the <a href="#">SD</a> ).
N/A	66.	If the Scope includes a statement of applicability, it is introduced by "This International Standard is applicable to ..." or "This part of ISO sssss is applicable to ..." (See 6.2.1 in <a href="#">IDP3</a> ).
YES	67.	The part title matches the title listed by the SC4 Secretariat and registered with ISO for the project.
YES	68.	The title follows the rules for upper and lower case letters. Capitalize the first letter of the first word of each element of the title. All other words shall be lower case. (See 4.3.1.1 of the <a href="#">SD</a> ). There are three elements of the title separated by long dashes ('em dash', ·): Introductory element · Main element · Complementary element. For example: Industrial automation systems and integration · Parts library · Part 101:

		Geometrical view exchange protocol by parametric program.
YES	69.	The Scope is unambiguous, conveys the purpose, and domain of the part. (See 4.3.2.1, 6.2, 7.1, and 8.2 of the <a href="#">SD</a> ).
YES	70.	The Scope statement defines the extent of the subject matter. (See 4.3.2.1, 6.2, 7.1, and 8.2 of the <a href="#">SD</a> ).
YES	71.	All application-specific terms are defined in clause 3.
N/A	72.	All information required to understand the context and Scope has been provided.
N/A	73.	Any necessary informative references are cited in informative text, for example, from within NOTES. (See 4.5.3 and 4.6 of the <a href="#">SD</a> and 6.6.6 of <a href="#">IDP3</a> ).
N/A	74.	Informative references are cited correctly. (See 4.6 of the <a href="#">SD</a> and 6.6.6 of <a href="#">IDP3</a> ).
YES	75.	The Scope does not contain requirements. (See 4.3.1.2 of the <a href="#">SD</a> and 6.2.1 of <a href="#">IDP3</a> ).
YES	76.	The Scope does not contain introductory material that belongs elsewhere.
YES	77.	Assumptions or policies that affect the development of the part are not contained in the Scope. These should be documented in other clauses of the part.
YES	78.	There are no historical or time-dependent references. (See 4.3 of the <a href="#">SD</a> ).
YES	79.	The Scope agrees with the project scope recorded by the SC4 Secretariat and registered with ISO for the project.
YES	80.	The in-scope and out-of-scope statements have been properly separated and stated. (See 4.3.1.2 of the <a href="#">SD</a> ).
N/A	81.	Notes, examples, figures, and tables critical to understanding the Scope are provided and referenced.
YES	82.	The Scope can be traced to requirements for the project that are in-scope for the part. (See 4.3.1.2 of the <a href="#">SD</a> ).
YES	83.	All issues related to the Scope have been resolved.

## NORMATIVE REFERENCES

YES	112.	All standards and technical specifications referenced in normative text have been identified in clause 2.
YES	113.	Normative references to ISO standards that are not yet published (IS) have an em-dash in place of the year of publication, followed by a footnote marker. The footnote text

states "To be published". (See 4.3.1.3 of the [SD](#) and 6.2.2 of [IDP3](#)).

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| YES  | 114. | Every reference listed in clause 2 is found in normative text in a normative Clause or Annex of this part. This includes USE or REFERENCE statements in EXPRESS. Reminder: Examples and Notes are not normative.   |
| N/A  | 115. | For parts at DIS or higher, all ISO standards listed in clause 2 are at least at the DIS stage (registered by ISO/CS or accepted by SC4 Secretariat for DIS ballot).   |
| YES  | 116. | Each Normative reference provides information that is intended to be part of the specification. If not, the reference shall be placed in the bibliography.   |
| HUH? | 117. | For references that are not TC 184/SC4 parts, the references are complete and they identify what information shall be used (that is, is applicable clause or subclause specified) as part of the specification of this part. (See 4.6 of the <a href="#">SD</a> ). |

*This check point is misplaced; it refers to SD4.6.2. It appears to confuse the identification of a document in clause 2 with references to subsections of those documents in other normative text.*

## TERMS, DEFINITIONS, ABBREVIATIONS, and SYMBOLS

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| YES | 121. | The title of clause 3 is one of the following. (See 4.3.2.1 of the <a href="#">SD</a> ):   |
|     | X    | "Terms and definitions" (clause 3 contains terms and definitions only)   |
|     |      | "Terms, definitions, and abbreviations" (clause 3 includes abbreviations)  |
|     |      | "Terms, definitions, and symbols" (clause 3 includes symbols)  |
|     |      | "Terms, definitions, abbreviations, and symbols" (clause 3 includes abbreviations and symbols)   |
| YES | 122. | All implementation method terms from ISO 10303-21 and ISO 10303-22 that apply to this part are included in clause 3.                                       |
| YES | 123. | All application-specific terms used in normative clauses have been defined in clause 3.  |
| N/A | 124. | The 'Other terms and definitions' in clause 3 follow the layout prescribed in the <i>SD</i> and <i>IDP3</i> . (See 3.2 of the <a href="#">SD</a> and annex |

C of [IDP3](#)).

### "3.2

#### term

prose of definition

[ISO 13584-10:1998]" <--If this is a reference

### "3.2

#### term

prose of definition

NOTE Adapted from ISO 10303-1:1994" <-- If this is an adapted term.

NO	125.	<p>If a definition has been extracted from another document (which may be a standard), the reference is listed in the bibliography.</p> <p><i>All sources of definitions – even if adapted – are also normative references, and therefore appear in clause 2, not in the Bibliography.</i></p>
NO	126.	<p>All abbreviations have been recorded in a separate subclause in clause 3. SC4 discourages the use of abbreviations in EXPRESS names, Application Object names, and attribute names SC4 parts. (See 5.2.2 of the <a href="#">SD</a>).</p> <p><i>SD4.3.2.2 specifies the abbreviations clause to be optional.</i></p>
N/A	127.	The terms listed in clause 3.n 'Other terms and definitions' are not found in other publicly available standards.
N/A	128.	The terms defined in this part are unambiguous, concise, and understandable to an engineering user, application domain expert, and software implementor using the part.
N/A	129.	The terms are listed in alphabetical order. (See 4.3.2.1 of the <a href="#">SD</a> ).
N/A	130.	All defined terms have non-circular definitions. A definition is considered circular when the term being defined appears in the definition.
N/A	131.	An attempt has been made to standardize the definitions of common terms used in this part.
N/A	132.	Explanatory notes, examples, figures and tables critical to an unambiguous understanding of each definition is provided.
N/A	133.	Each domain-specific term is used correctly.
N/A	134.	The definitions meet the 'Criteria for lexical definitions'. (See annex C of the <a href="#">SD</a> ).



YES	135.	The required text for clause 3 is present. (See 4.3.2.1 of the <a href="#">SD</a> ).
N/A	136.	All elements of clause 3 conform to the requirements specified by the <i>SD</i> . (See 4.3.2.1 of the <a href="#">SD</a> ).
N/A	137.	All AP specific terms from ISO 10303-1 are listed correctly. (See 8.4 of the <a href="#">SD</a> and 4.3 of the <a href="#">APG</a> ).
NO	138.	All terms used from other TC 184/SC4 parts or standards are listed under a subclause for each part or standard. (See 4.3.2.1 of the <a href="#">SD</a> ).  <i>OK, according to IDP3.</i>
N/A	139.	All definitions of terms that conflict with current definitions of other TC 184/SC4 parts have been defined in clause 3.

## ITEMS IN LISTS

*Requirements on lists are described in [SD](#)4.1.7 and [IDP3](#) 5.2.5.*

YES	144.	Items in bulleted lists are preceded by a long dash ('em dash', ·). (See 4.1.7 of the <a href="#">SD</a> ).
YES	145.	Bulleted lists are limited to a single level. (See 4.1.7 of the <a href="#">SD</a> ).
YES	146.	Items in the first level of a numbered list are preceded by lower case letters, followed by a right parenthesis. (See 4.1.7 of the <a href="#">SD</a> ).
YES	147.	Items in the second level of a two level or three level numbered list are preceded by arabic numerals, followed by a right parenthesis. (See 4.1.7 of the <a href="#">SD</a> ).
N/A	148.	Items in the third level of a three level numbered list are preceded by lower case roman letters, followed by a right parenthesis. (See 4.1.7 of the <a href="#">SD</a> ).

*QC strongly discourages using three level lists.*

## EXAMPLES

*Requirements on examples are described in [SD](#)4.5.4 and [IDP3](#) 6.5.1.*

YES	149.	Each example is preceded by the word EXAMPLE.
YES	150.	Each 'e.g.' notation has been removed from normative text and put into the EXAMPLE format. (See 4.5.4 of the <a href="#">SD</a> ).
YES	151.	If there is more than one example in a clause or subclause, they are numbered, starting from 1, within each clause or

subclause. (See 4.5.4 of the [SD](#)).

## NOTES

*NOTE requirements are described in [SD](#) 4.5.3 and [IDP3](#) 6.5.1.*

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| YES | 152. | Each note is preceded by the word 'NOTE'. (See 4.5.3 of the <a href="#">SD</a> ). <b>(ISO no longer permits the use of 'NOTES' followed by a series of numbered items.)</b>    |
| YES | 153. | If there is more than one NOTE in a clause or subclause, they are numbered, starting from 1, for each clause or subclause. (See 4.1.3 and 4.5.3.2 of the <a href="#">SD</a> ). |

## FIGURES

*Requirements for Figures are described in [SD](#) 4.5.2 and [IDP3](#) 6.6.4.*

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| YES | 154. | References to Figures are correct. (See 4.5.2 examples are shown in 4.5.2.3 of the <a href="#">SD</a> ).   |
| YES | 155. | Figures are numbered with arabic numerals beginning with 1 and increasing sequentially throughout the document, and they are independently numbered from tables and clauses. (See 4.5.2.2.1 of the <a href="#">SD</a> ). |
| YES | 156. | Figure titles are centered horizontally below the figure. (See 4.5.2 and see example in 4.5.2.2.3 of the <a href="#">SD</a> ) and laid out to match the following pattern:   |

**Figure 1 • Title of figure**

## TABLES

*Requirements on Tables are described in [SD](#) 4.5.1 and [IDP3](#) 6.6.5.*

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| YES | 157. | References to tables are capitalized, e.g., "... see Table 7 ..." (See 4.5.1.3 of the <a href="#">SD</a> ).   |
| YES | 158. | Tables are numbered with arabic numerals beginning with 1 and increasing sequentially throughout the document and they are independently numbered from figures and clauses. (See 4.5.1.2.1 of the <a href="#">SD</a> ). |
| YES | 159. | Table titles are centered horizontally above the table as specified in 4.5.1.2 of the <a href="#">SD</a> and laid out to match the following pattern:   |

**Table 1 • Title of table**

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| YES | 160. | Tables are laid out correctly. (See 6.6.5 of the <a href="#">IDP3</a> and, for AP-specific guidance, 8.6.1 of the <a href="#">SD</a> ). |
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## BIBLIOGRAPHY

YES	161.	All references to Bibliography entries are only made from informative text within this part. (See 4.4.2 of the <a href="#">SD</a> ).
YES	162.	All normative references have been moved to clause 2.
YES	163.	All publications used in the preparation of this part are listed in the Bibliography.
YES	164.	Titles of the bibliographic references are italicized. (See 4.4.2 and 4.3.1.3 of the <a href="#">SD</a> ).
YES	165.	The Bibliography (if present) is a distinct element, occurring after the last annex and before the Index. (See 4.4.2 of the <a href="#">SD</a> ).

## INDEX

YES	167.	Dot leaders are used and page numbers are flush right. (See 4.4.3 of the <a href="#">SD</a> ).
YES	168.	There is an entry in the Index for all words that most users of the part would need to find. (See 4.4.3, 6.7, 7.6, or 8.9 of the <a href="#">SD</a> ).
YES	169.	The index contains definition entries, and is not a concordance. (See 4.4.3 of the <a href="#">SD</a> ).
YES	170.	The entries in the Index are listed alphabetically. (See 4.4.3 of the <a href="#">SD</a> ).
YES	171.	The page numbers for each entry in the Index is in fact where that entry is located on that page(s) in this part.
N/A	172.	There is an entry in the Index for the page location of each definition in clause 3.

## EXPRESS DEFINITIONS

YES	195.	<p>The EXPRESS schema complies with the structure and required text as specified by clause 5 of the <a href="#">SD</a>.</p> <p><i>The schema was successfully compiled using:</i></p> <p><i>EDM, STEP Tools, fedex, Ecco and Expresso.</i></p> <p><i>The compilation results can be obtained from:</i></p> <p><i><a href="http://www.iso15926.freemove.co.uk/part_2/compilation_reports.html">http://www.iso15926.freemove.co.uk/part_2/compilation_reports.html</a></i></p>
YES	196.	The schema name is the first EXPRESS construct listed and

		the schema name is acceptable.
N/A	197.	USE FROM and REFERENCE FROM statements appear at the beginning of the schema. (See ISO 10303-11)
N/A	198.	EXPRESS tail comments are included after the USE FROM/REFERENCE FROM statements identifying the source of interfaced constructs. (See 5.1.4 of the <a href="#">SD</a> ).
YES	199.	Locally defined EXPRESS constructs are listed in the proper order (i.e. constants, types, entities, rules, and functions).
N/A	200.	Referenced functions are defined.
N/A	201.	Each function is used at least once, or the justification for not using it is provided in a Note.
N/A	202.	The rules for EXPRESS usage have been applied consistently. (See <a href="#">Guidelines for application interpreted model development</a> ).
YES	203.	The name of each EXPRESS construct is appropriate for the intent of the construct.
YES	204.	The EXPRESS construct name is not prefixed with the schema name as specified by the SD. (See 5.2.2.2 of the <a href="#">SD</a> ).
YES	205.	The EXPRESS construct name does not contain any abbreviations that are not included clause 3. (See 5.2.2.4 of the <a href="#">SD</a> ).
YES	206.	Names of EXPRESS construct attributes reflect the role the type of the attribute plays in the definition of the parent entity.
YES	207.	The names of EXPRESS constructs are nouns for entities, application objects, and attributes and verbs for actions, e.g., rules, functions.
YES	208.	The format, structure, and organization of the EXPRESS construct are. (See 5.1, 5.2, 5.3, and 5.4 of the <a href="#">SD</a> ).
YES	209.	The definition of each EXPRESS construct is unambiguous and understandable.
YES	210.	The EXPRESS construct definition defines the concept. (It should not restate the EXPRESS.)
YES	211.	The EXPRESS construct definition is grammatically correct.
YES	212.	The EXPRESS construct definition adheres to the rules for good definitions. (See <a href="#">SD annex C</a> ).
YES	213.	The EXPRESS declaration and definition correspond.

N/A	214.	The EXPRESS definition is consistent with the semantics of the IR that it specializes.
N/A	215.	The EXPRESS construct definition refers to outside works or other sections.
YES	216.	Illustrations, Examples, or explanatory Notes needed to understand the EXPRESS construct definition are provided.
N/A	217.	All propositions are written as formal propositions where possible.
N/A	218.	All constraints have been moved to a supertype or global rule where possible.
N/A	219.	There are no constraints on the entity supertype that conflict with formal or informal proposition.
YES	220.	For the schema overall, there are no name conflicts among any of the EXPRESS constructs.
YES	221.	The schema has been compiled successfully using multiple EXPRESS compilers.

## EXPRESS-G DIAGRAMS

YES	230.	Off-page references in EXPRESS-G diagrams are consistent (i.e., these references can be followed across diagrams).
YES	231.	Off-page references in EXPRESS-G diagrams are done correctly as specified by ISO 10303-11, annex D.
NO	232.	<p>All entities, attributes, enumeration types, select types, subtypes, and supertypes from the EXPRESS schemas are depicted in EXPRESS-G diagrams.</p> <p><i>The problem here is that the number of references that can fit on an A4 page is in two cases considerably less than the number of subtypes. EXPRESS-G provides no solution for this. A note has been added to explain the situation.</i></p>
YES	233.	The diagrams use EXPRESS-G as specified in ISO 10303-11 annex D. For STEP EXPRESS-G diagrams, defined types whose domains are base types are omitted.
YES	234.	Heavy lines are used for supertype/subtype relationships.
YES	235.	Dashed lines are used for optional attributes and schema to schema references.
YES	236.	Normal lines are used for other relationships.
N/A	237.	Dashed rectangles with a left double vertical line are used for SELECT types.

N/A	238.	Dashed rectangles with a right double vertical line are used for ENUMERATION types.
N/A	239.	Dashed rectangles are used for a type.

## INFORMATION REQUIREMENTS

YES	287.	A high level summary of information requirements is provided.
N/A	288.	The information requirements can be traced to the in-scope information flows in the AAM.
YES	289.	All information requirements adhere to the Scope.
YES	290.	The information requirements are complete.
YES	291.	The information requirements are unambiguous and understandable.
YES	292.	Adequate illustrations have been provided. The illustrations that are provided unambiguous and helpful.  <i>The Express-G can be considered illustrations.</i>
YES	293.	Any necessary informative references are cited and cited correctly.
YES	294.	Any necessary normative references are cited and cited correctly.
YES	295.	There is a demonstrated industrial need for the information requirements and UoFs in clause 4 and the scope. The evidence of this Industrial need is documented in the validation report.  <i>No validation report required for this standard.</i>

## APPLICATION OBJECTS

YES	310.	The model objects are appropriately named.
YES	311.	All model objects are identified.
YES	312.	Each definition is understandable and sufficient for the required audience.
YES	313.	Notes, examples, and figures critical to understanding the definitions are provided.
YES	314.	Domain terminology and English grammar is used properly.

YES	315.	All of the necessary informative references are cited and cited correctly.
YES	316.	All of the necessary normative references are cited and cited correctly.
YES	317.	The definitions are understandable and sufficient for the engineering users, application domain experts, and software implementors.
YES	318.	Notes, examples, and figures that are critical to understanding the definitions have been provided.
YES	319.	Each application object name consistent with its definition.

## ISSUES LOG

YES	415.	The issues log is up-to-date with the version of the document under review.  <i>The issue log is documented in WG3N808 .</i>
YES	416.	Issues have been documented and reviewed on a routine and recurring basis.
NO	417.	There are no major technical issues remaining open or deferred.  <i>See WG3N808 for details.</i>
NO	418.	There are no minor technical issues remaining open or deferred.  <i>See WG3N808 for details.</i>
NO	419.	All issues were resolved without impacting the scope of this part or other elements of this document.  <i>The scope remains unchanged. Of course, there are changes to the document when resolving issues.</i>
YES	420.	Issues have been resolved to the satisfaction of the development team.  <i>Those which are resolved.</i>
YES	421.	Issues have been resolved to the satisfaction of the review team and other industrial reviewers.  <i>Some have, others remain open. See WG3N808 for details.</i>

## **APPROVAL**

I have reviewed and verified the items on this document for:

Standard	ISO 15926
Part	2
Stage	CD
WG N	WG3 N795

Project Quality Representative:

Name:	Jochen Haenisch
Date:	1999-09-15